Rollei

CarDVR-210 WiFi GPS

User Manual

Names of Parts

Getting Started

Inserting a microSD Card

Before initial use, insert a microSD card.
(suggested at least 4GB, up to 64GB)

Charging the Unit

Fully charge Rollei Car-DVR for initial use by:

- Car charger
- PC USB port
- USB adapter (not included)

During charging, screen shows battery icon or status indicator flashes in orange. When Rollei Car-DVR is fully charged, the indicator turns off.

Shooting a Video

1. Power on:
   Press ⏻ to turn on Rollei Car-DVR.
2. Record:
   Press ● to start recording.
   Press again to stop.
3. Playback:
   Press ⏻ to enter menu settings.
   Press ! to select [Playback ▶].
   Press [Play ▶] to play the video and press [■] to stop.
4. Return to preview:
   Press [⏻] to return.
5. Power off:
   Press and hold ⏻ for 2 seconds.

Rollei Car-DVR Operation

In preview, press to enter menu settings.
Button functions indicated by . Use
to navigate menu settings and to back to preview .

Menu Settings

Rollei Car-DVR has eight menu settings. Advanced settings can be set up via mobile APP.

Menu Settings	Descriptions
Playback	Play recorded videos
Action Cam Dash Cam	Switch between Action Cam and Dash Cam
WiFi - Local	Enable/Disable WiFi for wireless connection
WiFi - Cloud	Enable/Disable internet cloud connection
Voice Record	Enable/Disable voice recording (Dash cam mode only)
Auto Record	Enable/Disable auto recording when car engine starts (Dash cam mode only)
Screen Auto Off	Screen turns off after 60 seconds of non-operation (Dash cam mode only)
Settings	Reset to factory default settings or format SD card.

Note: After 10 seconds of non-operation in menu settings, screen returns to preview.

Record Modes

Rollei Car-DVR has two recording modes for different applications:

Action Cam: Shoot normal videos.

Dash Cam: Shoot loop and emergency videos.

Comparison between modes:

Mode	Action Cam	Dash Cam	
Record type	Normal	Loop	Emergency
Record trigger	Press in preview		• Car impact • Press during loop recording
Record duration	Unlimited	Three min. sections	One min. section (30 seconds before and after the event)
Display info.	**00:06:36** SD card remaining time	**2014/01/01 21:06:36** Current date & time	

Note:

1. During loop recording, oldest files are overwritten if microSD card is full.
2. During loop recording, press to enable/disable mute fuction.

Transfer Files to PC:

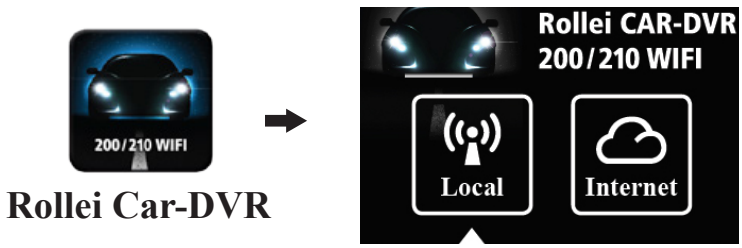
1. Connect Rollei Car-DVR to PC via Micro USB cable.
2. Find video at "My computer\Removable Disk\".
3. Copy, move, delete, and playback videos on PC.

View Rollei Car-DVR Screen on TV:

1. Connect Rollei Car-DVR to TV via Micro HDMI cable (not included).
2. Turn on Rollei Car-DVR.
3. Rollei Car-DVR screen displays on TV simultaneously.

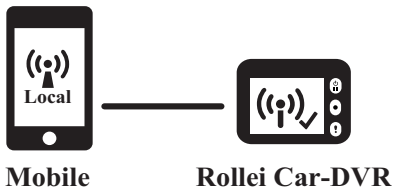
Wireless & APP Operation

Before inital using wirless connections, download and install APP [Rollei Car-DVR] from Google Play Store and Apple Store.
[Rollei Car-DVR] has two functions:
(1) Local - Direct control (2) Internet - Internet live view



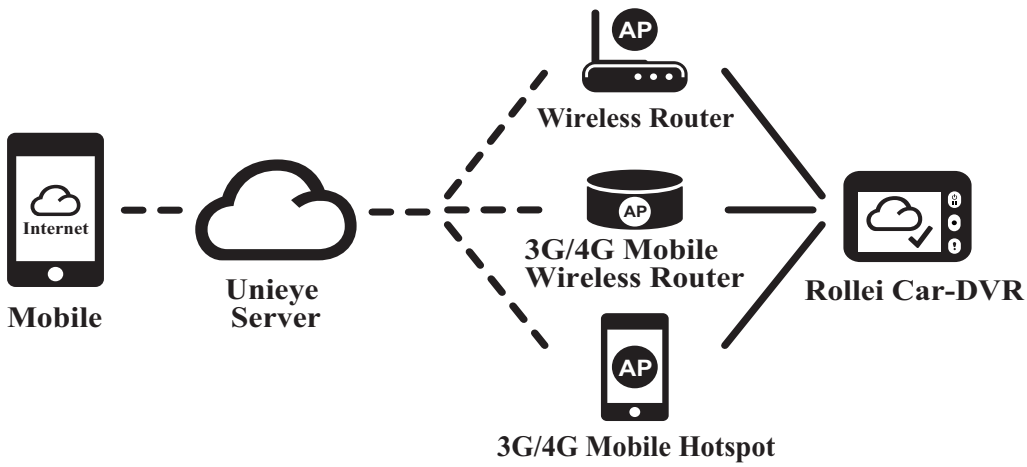
(1) Local【Local】

Mobile connects to Rollei Car-DVR directly via WiFi for remote control, live view, album management and Rollei Car-DVR setup.



(2) Internet【Internet】

Mobile connects to cloud server to view live videos uploaded from internet remote Rollei Car-DVR.



【Local】Function

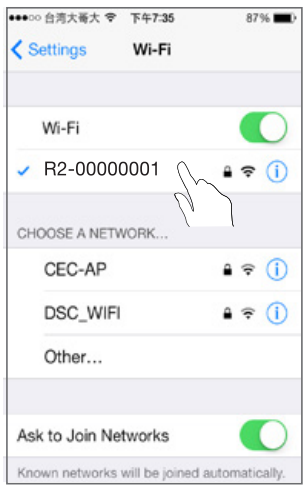
Before using mobile APP's【Local】function, ensure Rollei Car-DVR WiFi is on and Rollei Car-DVR Cloud setting is off. Once WiFi is ready, preview shows Rollei Car-DVR name (R2-xxxxxxxx) for few seconds.

Mobile Connects to Rollei Car-DVR

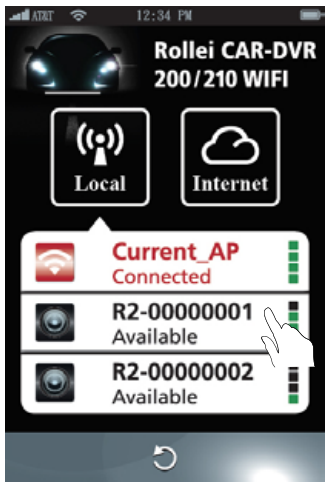
1. For Android: Turn on [Wi-Fi].
   For iOS: Go to [Settings] ➡[Wi-Fi].
   Turn on [Wi-Fi] and select the Rollei Car-DVR name.
2. Run [Rollei Car-DVR].
3. Tap【Local】and select the Rollei Car-DVR to enter【Local】View Page. Tap [↻] to scan again if Rollei Car-DVR is not found.

Note:

- Mobile cannot connect to Rollei Car-DVR while Rollei Car-DVR is recording.
- For first use, password is not required. User can set Rollei Car-DVR password in Setup Page.



iOS Settings



Local Main Page

Local View Page

4.【Local】function has three function pages: View, Album and Setup.

View Page

Items	Descriptions
	Shoot videos and files are saved into Rollei Car-DVR microSD card
	Shoot videos or Take photos and files are saved into mobile "Album\RolleiCar-DVR\"
	For multiple Rollei Car-DVRs user : • Enable Quad-View for multiple live view on mobile • In Quad-View, select a window for single view.
	Upside down image
	Talk to Rollei Car-DVR from mobile

Album Page

Folders	Descriptions
	View or delete video files recorded in action cam mode
	View or delete video files recorded in dash cam mode

Setup Page

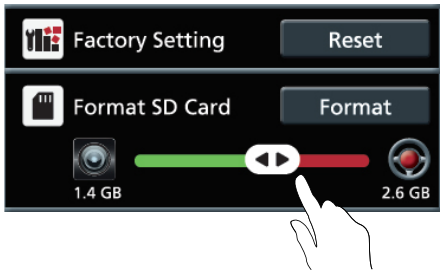
Groups	Descriptions
Camcorder Settings	Edit name, password, format SD card, resolution etc.
Internet Settings	Edit Email and AP and save in Rollei Car-DVR. (For internet cloud server connection)
Car DVR Settings	Set motion detector, impact sensor, etc.

Note: 1. In Setup Page, tap [Save] to complete settings to Rollei Car-DVR.
2. Mobile media player may not support SuperHD video.

Rollei Car-DVR SD Card Setup

When SD card is first-time use or reformatted in Rollei Car-DVR, user should allocate memory for Portable Mode and Car Mode.

Go to [Setup] ➡ [Rollei Car-DVR Settings] ➡ Adjust slide bar and press [Format] button to complete SD card setup.



Rollei Car-DVR Internet Setup

Before using internet cloud service, Email and AP must be properly set up.

1. Go to [Setup] ➡ [Internet Settings] ➡ Edit Email and AP
2. Tap [Save] to complete Email & AP settings.

Note: AP(Access Point) can be

- Wireless Router or
- 3G/4G Mobile Wireless Router or
- 3G/4G Mobile Hotspot

Wireless Router

3G/4G Mobile Wireless Router

3G/4G Mobile Hotspot

Motion Detector Setup

When car's engine stops and motion is detected, Rollei Car-DVR will automatically records videos till no motion is detected.

1. Go to APP ➡[Setup] ➡ [Car DVR Settings] ➡ Turn on [Motion Detector] ➡ Tap [Save].

2. Press [Home] to disconnect from Rollei Car-DVR.

3. Change Rollei Car-DVR to dash cam mode, will show on screen.

4. When car engine stops
➡ [Motion Detector?] will pop up
➡ Press ✔ to manually activate [Motion Detector] , otherwise [Motion Detector] will automatically activate after 10 seconds
➡ Choose ✖ to cancel [Motion Detector] for this time

G-Sensor Setup

When Rollei Car-DVR is recording and any impacts happen, Rollei Car-DVR automatically records emergency events if G-Sensor is set.

Go to APP ➡[Setup] ➡[Car DVR Settings] ➡ Select [G-Sensor], [H]/[L] ➡Tap [Save].

Note : [H] High sensitivity. [L] Low sensitivity.

【Internet】Function

Before using APP's【Internet】function, ensure Rollei Car-DVR internet setup has been completed.

Rollei Car-DVR Connects to Cloud Server

Enable [Cloud] in Rollei Car-DVR to upload video streaming to cloud server. Connecting status will be shown on screen.

Status	Descriptions
	Connection successful. Preview shows [] and Rollei Car-DVR ID.
	Login fail: • Invalid AP name or password • Weak WiFi signal or not in WiFi coverage
	Connection fail: • No internet or cloud server is not accessible • Blocked by some firewall

Remote Internet Live View

1. Connect mobile to internet (via WiFi, 3G/4G).
2. Run [Rollei Car-DVR] and tap【Internet】.
3. For adding Rollei Car-DVR or using another mobile, tap [] ➡ Enter the Rollei Car-DVR ID and password.
4. Tap Rollei Car-DVR ID/name to view internet live videos.

【Internet】 Main Page

Troubleshooting

Situation	Cause/Solution
Rollei Car-DVR cannot turn on	Power is low. Recharge battery
Rollei Car-DVR is frozen	Press and hold button for 5 seconds to force shutdown; press again to turn on
Rollei Car-DVR cannot record	• No microSD card or microSD card is full • microSD card cannot be recognized • Format microSD card or replace microSD card
Rollei Car-DVR cannot connect to AP or could server	• Invalid AP name or password • Weak WiFi signal or not in WiFi coverage • No internet or cloud server is not accessible • Blocked by some firewall
Mobile cannot find Rollei Car-DVR 【Local】	• Rollei Car-DVR WiFi is disabled or not in WiFi coverage • Mobile WiFi is disabled • iOS user does not choose Rollei Car-DVR name in Wi-Fi Settings • Tap [Refresh] button on [Rollei Car-DVR]
Mobile cannot watch live view 【Local】	• Weak WiFi signal • Rollei Car-DVR is recording • Rollei Car-DVR is occupied by other mobile
Mobile cannot connect to cloud server 【Internet】	Check mobile 3G/4G or WiFi internet connection
Mobile cannot watch live view 【Internet】	The internet bandwidth is insufficient for Rollei Car-DVR upload or mobile download
Forget Rollei Car-DVR password	Enter Rollei Car-DVR menu settings and select [Settings]➡[Factory Reset] to reset

GPS Receiver

1. Hardware operation

Insert GPS receiver into your device.

2. Install Software to Computer

1. Connect camcorder to PC via standard Micro USB cable.

Note: The USB cable in accessory kit is only for power supply in car. Please use other Micro USB cable for installation (ex. Android smart phone's usb cable).

2. Find Setup.exe in "My computer\Removable Disk\DCIM".
3. Double click Setup.exe to install/

3. Software operation

1. Take out the SD card from your device, and put it into the card reader of your computer.
2. Click “Unieye Map ” and run it on your computer.
3. An active Internet connection is required to use Google Maps View.

Unieye Map Operation

1. Google Maps View

• The Start and End location of the video will be marked on the map.

• Press to select your SD card.
(Unieye Map only can read the video files in SD card)
• Press ◀◀ ▶ ■ ▶▶ to forward/play/stop/backward your video.
• Press to adjuest the volumn of your video.

2. Speed Meter

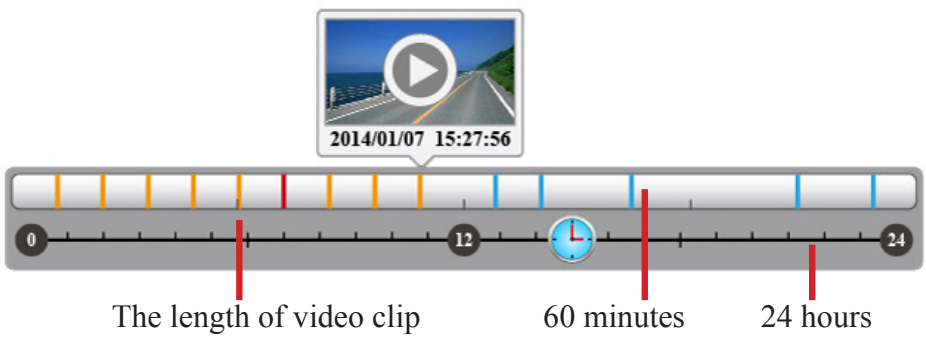
- Show the speed inforamtion from the records of the video.
- Press ☐ KPH to switch the scales of meter in Kilometer per hour.
- Press ☐ MPH to switch the scales of meter in Mile per hour.

3. Compass

- Show the moving direction from the records of the video.

4. Calendar

- Press ▶ : move to next month.
- Press ◀ : move to previous month.
- Press the date in the calendar, the taken videos show dates information in the 24 hours meter.
- Click on color lines to view the video.



5. PIP Mode

- In Windows mode, press to change view to Full Screen mode.
- The defualt view of Full Screen mode : video in parent window, map in child window.
- In Full Screen mode, press to switch view back to Windows mode.

6. PIP Switch

- Press to switch map in parent window, video in child window.
- Press again to switch back.

Conformity

The Manufacturer hereby declares that the CE marking was applied to the Rollei CarDVR 210 in accordance with the basic requirements and other relevant provisions of the following CE Directives:

2011/65/EC RoHs Directive
2004/108/EC Low Voltage Directive
1999/5/EG R&TTE Directive
2006/95/EEC LVD Directive
2009/125/EG EuP Directive
2002/96/EG WEEE Directive

The EC Declaration of Conformity can be requested from the address specified on the Warranty card.

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We expressly draw attention to the fact that under the GNU – General Public License conditions no liability is accepted.

The starting point for the software is the software published online at

http://sg-gpl.net/

The software listed there is licensed pursuant to the
GNU – General Public License conditions.

Device-related changes have been made to this software for the product in question. The source text of the software implemented in the product in question can be obtained in response to an enquiry sent to the e-mail address

info@rollei.com

In this instance your e-mail must contain details of what the relevant product is, the relevant serial number and documentary evidence of your commercial source of supply as well as documentary evidence of the date on which the product was purchased from the trade source of supply. We guarantee supply of the source text of the implemented software for a period of at least three years from date of purchase from the trade source of supply where the trade source of supply has sourced the product from us directly or via strictly trade-only dealers.